

DIMENSIONS:

Protected Bank

D = _____ ft.

H = _____ ft.

H_L = _____ ft.

L = _____ ft.

L_G = _____ ft.

Z = _____

S = _____ ft.

Rock Riprap

L_R = _____ ft.

H_R = _____ ft.

T_R = _____ inches

Tree Stump

Dia_T = _____ ft.

L_T = _____ ft.

L_B = _____ ft.

ROCK GRADATION

Rock Riprap

D₁₀₀ = _____ inches

D₅₀ = _____ inches

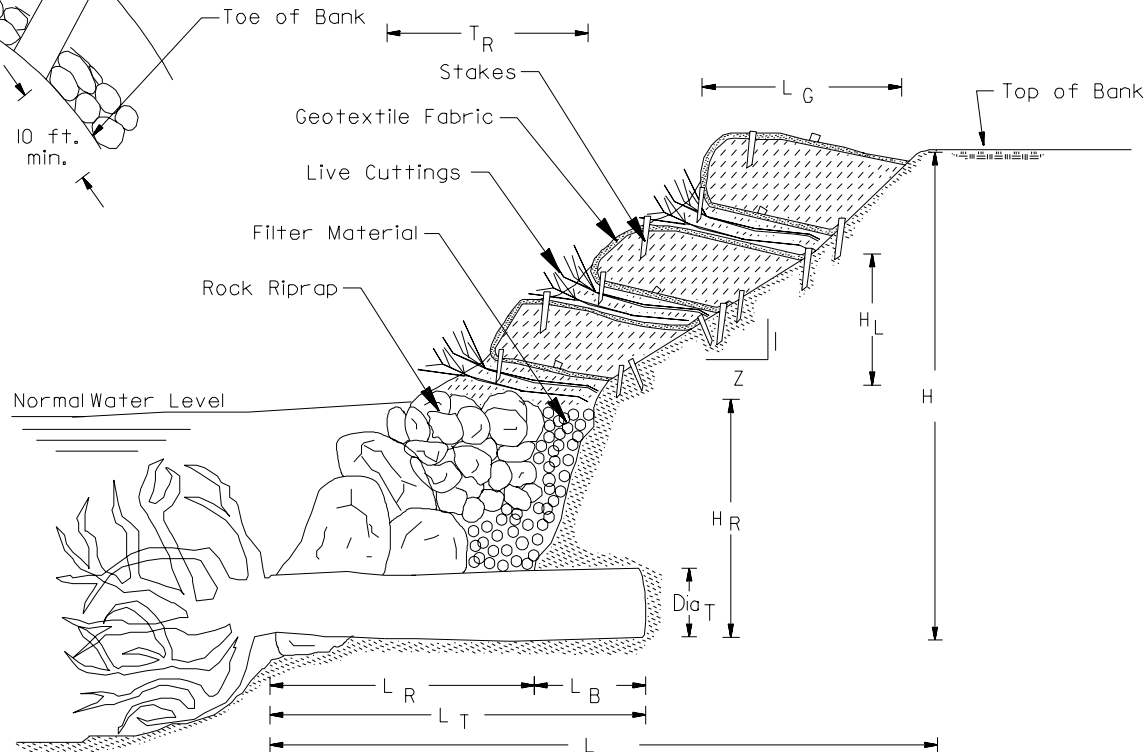
D₂₅ = _____ inches

Filter Material

D₁₀₀ = _____ inches

D₅₀ = _____ inches

D₂₅ = _____ inches



SECTION VIEW

NTS

BIOENGINEERING STREAMBANK PROTECTION
ROCK & BRUSH TRENCHES
WITH TREE ROOT & ROCK TOE

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE

DESIGNED	ARS	DATE	6\94	APPROVED BY	_____
DRAWN	MDH	DATE	6\94	TITLE	_____
TRACED	_____	_____	_____	_____	_____
CHECKED	_____	_____	_____	TITLE	_____



DRAWING NO.
WA-SD-3804B

SHEET _____ OF _____